MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

JUNE, 1933

J. A. BROWN, DIRECTOR

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JUNE 1933

METEOROLOGICAL REGISTER

Date	Barometer reduced to o°C Sea level and 45° Latitude 700 mm+ ...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	55.1	57.6	58.9	57.3	29.8	17.8	29.2	25.6	19.8	24.5
2	9.9	9.9	9.7	9.8	25.1	18.3	22.8	23.9	18.9	21.9
3	60.1	60.4	60.9	60.5	25.1	17.2	22.1	23.1	19.2	21.5
4	1.1	0.1	59.4	0.2	24.8	17.2	22.8	24.4	19.1	22.1
5	54.3	56.3	9.6	56.7	27.3	17.4	24.5	25.5	20.2	23.4
6	59.5	59.8	60.6	59.9	25.7	18.9	23.9	25.2	20.1	23.1
7	61.1	60.8	61.0	61.0	25.6	16.6	22.8	24.8	19.8	22.5
8	0.2	59.7	58.4	59.4	27.9	18.8	24.7	25.4	22.8	24.3
9	4.5	4.3	5.2	4.7	36.1	22.6	25.5	33.1	26.3	28.5
10	6.4	7.7	9.2	7.8	28.7	23.4	27.7	26.5	21.1	25.1
11	60.8	60.4	60.4	60.4	27.1	19.6	24.4	26.1	20.1	23.5
12	0.1	59.4	58.7	59.4	26.6	18.3	24.0	25.4	21.7	23.7
13	57.6	4.8	2.9	5.1	34.0	20.4	26.2	33.5	27.7	29.1
14	7.4	7.9	8.5	7.9	28.1	22.3	25.3	27.1	21.6	24.7
15	8.6	7.6	8.4	8.2	27.4	20.8	25.6	26.8	21.9	24.8
16	59.1	59.0	59.4	59.2	28.7	20.1	25.9	27.6	21.7	25.1
17	9.5	60.6	9.3	9.8	27.7	19.9	24.8	26.7	21.4	24.3
18	8.3	58.2	7.0	7.8	27.6	19.5	24.5	25.8	21.8	24.0
19	5.7	54.4	6.8	5.6	29.4	20.2	25.3	28.3	23.5	25.9
20	6.3	56.4	6.8	6.5	28.3	20.1	25.8	28.2	21.9	25.3
21	57.1	56.8	57.7	57.2	29.4	21.1	26.0	29.1	22.7	25.9
22	7.6	7.3	7.0	7.3	28.5	21.7	25.9	28.2	23.1	25.7
23	6.9	6.4	7.0	6.8	29.2	21.0	26.6	28.6	22.8	26.0
24	6.9	6.5	5.9	6.4	29.9	20.6	26.3	28.9	23.6	26.3
25	5.2	5.5	4.5	5.1	30.1	22.0	25.9	27.8	24.3	26.0
26	55.4	55.5	55.5	55.5	29.3	22.2	25.7	29.0	23.0	25.9
27	5.7	5.6	5.4	5.6	29.2	20.1	26.6	27.9	26.0	26.8
28	5.9	6.3	7.0	6.4	29.7	20.1	25.8	28.6	23.8	26.1
29	7.9	7.6	7.1	7.5	29.6	21.1	26.7	29.3	24.9	27.0
30	6.4	4.9	4.3	5.2	32.2	23.9	28.8	31.2	25.8	28.6
	757.68	757.59	757.75	757.67	28.60	20.10	25.41	27.39	22.37	25.05

Barometer, Range for month 752.9 –761.1 m.m.

,, 50-yr. average for month 758.151 m.m.

Thermometer, Range for month 17.2°—36.1° C.

,, 50-yr. average for month 25.38 C.

Rain, Total for month 0. m.m.

,, , 50-yr average for month 3.81 m.m.

,, , total Sept. 1st to end of month 392.72 m.m.

,, , 50-yr. average, Sept. 1st to end of month 906.54 m.m

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METEOROLOGICAL REGISTER

Date	Wet Bulb Cent.			Elasticity of Vapor m.m.				Relative Moisture per cent.				Sun hrs.	Rain m.m.
	8:30	14:30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		
1	17.3	17.8	16.9	9.0	10.8	12.4	10.7	30	44	72	49	9.7	
2	17.8	18.9	16.5	12.0	13.0	12.3	12.4	58	58	76	64	9.5	
3	17.6	17.7	16.6	12.1	11.8	12.3	12.1	61	57	75	64	13.0	
4	17.8	18.3	16.3	12.0	11.9	12.0	12.0	58	52	73	61	10.2	
5	17.8	21.3	17.6	11.2	15.7	13.1	13.3	49	65	75	63	12.0	
6	18.9	19.1	17.7	13.0	12.6	13.3	13.0	58	53	76	62	12.0	
7	18.3	19.7	18.0	12.7	13.6	14.0	13.4	62	59	81	67	12.5	
8	20.3	21.2	20.4	14.7	15.7	16.1	15.5	63	65	78	69	10.2	
9	22.0	22.1	21.5	16.9	12.5	15.3	14.9	69	34	57	53	1.6	
10	22.2	22.1	18.9	15.9	16.4	14.6	15.6	57	68	78	66	12.5	
11	19.0	20.4	18.3	12.8	14.0	14.3	13.7	56	55	82	64	12.6	
12	20.1	21.1	20.3	14.6	15.4	16.5	15.5	65	64	86	72	12.4	
13	22.9	24.8	21.4	18.1	16.8	14.6	16.5	71	43	53	56	8.1	
14	21.9	22.1	19.4	17.0	16.1	15.1	16.1	71	60	78	70	11.0	
15	21.1	21.7	19.6	15.4	15.5	15.3	15.4	63	58	78	66	12.5	
16	20.4	22.1	18.8	14.1	15.8	14.0	14.6	56	58	72	62	12.0	
17	20.5	21.4	19.7	14.8	15.1	15.7	15.2	64	58	82	68	12.3	
18	21.0	22.1	20.4	16.0	16.8	16.8	16.5	71	68	86	75	10.1	
19	22.8	22.2	21.2	18.3	15.4	17.0	16.9	73	54	78	68	12.2	
20	22.1	22.3	19.9	16.8	15.7	15.7	16.1	68	55	80	68	12.3	
21	21.3	23.7	21.1	15.5	17.6	17.2	16.8	62	58	84	68	12.1	
22	22.2	23.2	21.3	16.9	17.3	17.4	17.2	68	61	83	71	12.4	
23	22.1	23.8	21.9	16.4	18.0	18.8	17.7	63	62	94	76	12.1	
24	23.2	24.6	22.6	18.5	19.3	19.6	19.1	72	65	91	76	12.5	
25	23.2	24.5	22.7	18.8	20.0	19.1	19.3	75	72	84	77	12.1	
26	23.7	23.8	21.1	18.2	17.9	17.0	17.7	74	60	82	72	12.3	
27	22.2	22.9	21.8	16.4	17.0	16.2	16.5	63	60	95	63	11.5	
28	22.4	23.8	22.1	17.5	18.2	18.4	18.0	71	63	84	73	11.5	
29	23.2	24.5	21.1	18.4	18.9	15.8	17.7	70	62	68	67	11.0	
30	20.4	21.6	21.7	12.6	13.1	16.1	13.9	43	59	65	49	12.1	
	20.82	21.83	19.89	15.22	15.60	15.53	15.44	62.8	57.5	77.2	66.0	11.28	

Height of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
Dry and wet 1.55 m.; Max. 1.75 m.: Min. 1.70 m
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 2 hours equals G. C. T.
50-year averages are for period, 1875-1924

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METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Km.		
1	5stcu	9stcu	6stcu	6.7	5s	4sw	3sw	825.0	stormy	
2	1cu	1st	6stcu	2.7	1sw	2w	0	226.1	mod.	
3	2cu	4ci	5cu	3.7	1w	1w	0	243.0	light	
4	1cu	1cu	0	0.7	2sw	3sw	0	639.1	„	
5	1stcu	4stcu	6cu	3.7	0	4w	3sw	230.6	slight	traces of rain
6	5cu	4cu	5cu	4.7	3w	4w	0	652.7	mod.	
7	0	2cu	9ci	3.7	1sw	1sw	0	205.0	„	
8	2st	0	10ci	4.0	1n	1n	0	230.7	slight	
9	10stcu	10stcu	10stcu	10.0	0	3s	0	378.0	mod.	
10	2st	1cu	3cu	2.0	2sw	3sw	1w	451.7	„	
11	0	1cu	0	0.3	2sw	3sw	1w	458.6	„	
12	0	0	0	0.0	1n	1n	1w	241.4	slight	
13	6stcu	5stcu	0	3.7	0	0	0	113.9	light	haze
14	0	0	0	0.0	4sw	4w	2sw	772.5	mod.	
15	0	0	0	0.0	4sw	5sw	4sw	1133.0	„	
16	0	1cu	0	0.3	3sw	4sw	0	806.0	„	
17	0	0	0	0.0	2sw	1sw	0	478.2	light	
18	1st	6ci	0	2.3	1w	2sw	1w	169.4	„	
19	0	0	0	0.0	0	1sw	0	128.7	„	
20	1cu	0	5cu	2.0	2sw	3sw	0	645.3	„	
21	0	0	0	0.0	4sw	2sw	0	899.6	„	
22	0	0	0	0.0	3sw	1w	1sw	252.0	„	
23	0	0	1cu	0.3	1w	3sw	0	387.8	„	
24	1ci	0	0	0.3	2sw	1sw	0	325.1	slight	
25	1ci	0	0	0.3	4sw	1w	3sw	643.8	light	
26	0	1ci	0	0.3	4sw	3sw	1w	857.6	mod.	
27	0	0	0	0.0	4sw	4sw	2w	729.8	light	
28	0	3ci	0	1.0	2sw	2sw	0	325.9	slight	
29	0	0	0	0.0	3sw	4sw	2w	865.8	light	
30	0	0	0	0.0	2w	2sw	1sw	404.5	„	
					64	13	76			
				1.76	2.1	2.4	0.9	490.09		

NUMBER OF DAILY WIND OBSERVATIONS

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	2	0	0	0	1	18	5	0	4
14:30	2	0	0	0	1	19	7	0	1
20:30	0	0	0	0	0	7	7	0	16
Totals	4	0	0	0	2	44	19	0	21

Number of days with rain 0, fog 0, thunderstorms 0, gales 0.

50-yr average number of days with rain during month 0.8